



# भारत का राजपत्र

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No. 42]

NEW DELHI, SATURDAY, OCTOBER 17, 1970 (ASVINA 25, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित प्रसिद्धि और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

**THE PATENT OFFICE**  
**PATENTS AND DESIGNS**

Calcutta, the 17th October, 1970

## Application for Patents

The dates shown in crecent brackets are the dates claimed under Section 78A of the Act.

26th September 1970

128602. Sri Pronab Mukherjee. Direct current stabilised mains shock proof battery eliminator.
128603. Cigarette Components Limited. Cigarette filter. (7th November 1969).
128604. Produits Chimiques Pechiney-Saint-Gobain. A wet process for the manufacture of phosphoric acid and calcium sulphate.
128605. Kobe Steel Ltd. Removal of hydrogen sulfide by means of oxidative lignin and preparation of oxidative lignin.
128606. Compagnie Des Compteurs. Converters. (27th August 1970).
128607. Colgate-Palmolive Company. Plastic screw thread insert article and method of manufacture. (2nd October 1969).
128608. Eastman Kodak Company. Brightener compositions.
128609. Ahmedabad Textile Industry's Research Association. An improved apparatus for preparing an aligned tuft of parallel fibres for the purpose of fibre length measurements. [Addition to No. 121141].
128610. V. G. Gokhale. Composite girders.
128611. Textron Inc. Molded plastic snap fastener and strip of components therefor.
128612. Merck Patent Gesellschaft Mit Beschränkter Haftung. Lustrous pigments and their preparation.

128613. Nand Kishore Khanna & Sons. An improved device for use in flushing cisterns more particularly flushing cisterns of lavatories for cleansing the lavatory and deodorising the surrounding atmosphere.
128614. D. B. Jadhav and V. B. Jakkli. Improvements in or relating to a device for preventing single phasing of 3-phase supply.
128615. S. P. S. Reddy. An improved device for operating a dynamo fixed to velocipede vehicles.
128616. Council of Scientific and Industrial Research. Improvements in or relating to decorative effects on tinned steels.
128617. Council of Scientific and Industrial Research. Improvements in or relating to the rectifiers.

28th September 1970

128618. Amulya Mohan Dhar. Seed drill.
128619. C. I. S. Rao. Recovery of essential oil from aqueous condensate obtained from distillation.
128620. Merck Patent Gesellschaft Mit Beschränkter Haftung. 16-methylsteroids and processes for their preparation.
128621. Gaf Corporation. Process.
128622. Huttenwerk Oberhausen Aktiengesellschaft. A process for manufacturing green pellets from pelletisable fine iron ore.
128623. C. A. V. Limited. Liquid fuel injection pumping apparatus. (3rd October 1969).
128624. Lansing Bagnall Limited. Vehicle with manually operated steering system.
128625. Pfizer Inc. Antibiotic recovery process and crystalline salt produced thereby. (19th December 1969).
128626. The Battelle Development Corporation. Method of making high-density sintered chromium bearing iron alloys.

128627. The Dunlop Company Limited. Braking systems. (27th September 1969). [Addition to No. 119894].
128628. F. S. Malla. Improved door stopping means.
128629. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brumling. Thermoplastic molding compositions based on polyesters.
128630. Kobe Steel, Ltd. Center mechanism for press to shape and cure tires.
128631. Kobe Steel, Ltd. Method and apparatus for withdrawal of cured tires from a press for shaping and curing tires.
128632. Kobe Steel, Ltd. Bladder clamping device for press for shaping and curing pneumatic tires.
128633. Kobe Steel, Ltd. Press for shaping and curing pneumatic tires.
128634. Ciba of India Limited. Process for dyeing and printing textile materials of synthetic organic fibres.
128635. British Steel Corporation. Method of producing a coated ferrous substrate. (9th October 1969).
128636. N. V. Philips Gloeilampenfabrieken. Electric discharge tube, having an electron current in the form of a beam.
128637. N. V. Philips Gloeilampenfabrieken. Electric discharge tube.
128638. N. V. Philips Gloeilampenfabrieken. Device for producing cold at low temperatures and device for compressing hydrogen gas.
128639. K. R. Dholaria. A safety device with a dial gauge for I.C. engines.
128640. V. D. Shinde. An improved geyser.
128641. V. D. Shinde. An automatic device for controlling over drawing of current in a geyser.
- 29th September 1970
128642. Council of Scientific and Industrial Research. Asclepin, a new cardiostonic agent from asclepias curassavica linn.
128643. Fertilizer Corporation of India Limited. A process of industrial cooling water treatment by filtration of raw water through a bed of specially prepared magnesite.
128644. Fertilizer Corporation of India Limited. A process for preparation of fatty polyamide hardener, for use as curing agent for epoxy resins.
128645. Petrocarbon Developments Limited. Liquid phase oxidation of olefins to olefin oxides, glycols and glycol esters. (29th September 1969). [Addition to No. 121410].
128646. Uss Engineers and Consultants, Inc. A sealing assembly for a pump.
128647. Lansing Bagnall Limited. Improvements in industrial fork lift trucks. (6th October 1969).
128648. Lansing Bagnall Limited. Improvements in industrial lift trucks. (17th October 1969).
128649. Philip Morris Incorporated. Reel and band assembly and method of producing same.
128650. Philip Morris Incorporated. Razor with flexible band blade.
128651. Cluett, Peabody & Co., Inc. Method and apparatus for mixing volatile liquid with non-volatile material.
128652. Ufimsky Neftyanoi Nauchno-Issledovatel'skiy Institut and Volgo-Uralskiy Filial Vniigeeftiziki. Device for sampling beds.
128653. Robert Bosch GmbH. Improvements relating to connection elements of different materials.
128654. Industriële Onderneming Wavin N. V. Improvements in a pipe connection.
128655. Veb Chemiekombinat Bitterfeld. Electrode for electrolytic purposes. (30th July 1970).
128656. Veb Chemiekombinat Bitterfeld. Process for the application of powdered materials to sheets or constructional parts. (30th July 1970).
128657. Veb Chemiekombinat Bitterfeld. Electrode for the electrolysis of alkali metal chlorides. (30th July 1970).
128658. Veb Chemiekombinat Bitterfeld. Multi-layer electrode for electrochemical processes. (30th July 1970).
128659. Veb Chemiekombinat Bitterfeld. Dye-stuff condensation products. (10th August 1970).
128660. Veb Chemiekombinat Bitterfeld. Process for dyeing or printing cellulose containing materials. (10th August 1970).
128661. N.V. Philips Gloeilampenfabrieken. A method of, and an apparatus for, writing mask patterns on a photographic material by means of light.
- 30th September 1970
128662. R. M. Armstrong and A. J. Armstrong. Scraper blade mounting arrangement.
128663. Newman-Green, Inc. Valve arrangement for a pressurized dispenser.
128664. Albright & Wilson Limited and Harrisons & Crossfield Limited. Oil extraction process. (2nd October 1969).
128665. Imperial Chemical Industries Limited. Antibacterial compositions.
128666. Imperial Chemical Industries Limited. Boron compounds.
128667. Imperial Chemical Industries Limited. Recovery of bromine from bromine/chlorine mixtures. (8th October 1969).
128668. Pfizer Inc. Fermentation process for the production of citric acid.
128669. Associated Battery Makers of Australia Pty. Limited. Battery and intercell connector. (2nd October 1969).
128670. Prerovske Strojirny, Narodni Podnik. A method and arrangement for preheating of loose and granulated material.
- Alteration of Date
127437. Ante-dated to 13th January 1969 under Section 5 of the Act.
121823. Post-dated to 12th March 1970 under Section 5 of the Act.
- Applications Accepted
- Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.
- A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.
- If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.
- The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.
119006. R. Lenoble. A mould and a moulding process using the same. Accepted on 14th September 1970.
- Wherein the walls thereof consist of a flexible or resilient material, the external portion of the side walls is either dimensioned to form a true support for the inside of the side walls or externally provided with a support.*

119126. S. M. Shobert. Reinforced plastic well screen and method and apparatus for making the same. Accepted on 23rd September 1970.

*Comprising a hollow cylindrically shaped former in part composed of a plurality of part-cylindrical segments detachably assembled together by securing means, a multiple turn helical groove in the periphery of the former and longitudinally extending grooves spaced apart on the periphery of the former and intersecting with the turns of the helical groove.*

119154. Joseph Lucas (Industries) Limited. A damping device for minimising hunting of an oscillating component in an electrical system. (1st January 1968). Accepted on 24th September 1970.

*Includes a block of material having low coefficient of dynamic friction slidably engaged with a component to be damped and a pair of fixed abutments on opposite sides of the block and spaced apart by a distance greater than the length of the block but less than amplitude of reciprocation of said component.*

119249. Voenno-Inzhenernaya Krasnoznamennaya Akademicheskaya, V. Kuibysheva. Process of printing line originals on transparent translucent and opaque supports. Accepted on 28th September 1970.

*Applying a photosensitive layer derived from vegetable colloids, onto a support, drying the layer, exposing the layer in contact with an original, removing unexposed areas of the layer with aqueous salt solutions, vacuum depositing a metal coat, and using water, removing hardened layer with metal coat thereon.*

119257. Jg Glass Industries Pvt. Ltd. A stopper for use with vacuum flasks. Accepted on 30th September 1970.

*The stopper being exposed at the top and having a cover snugly fitting the seat by means of a notch characterised in that the said skirt extends downwardly to a greater extent than the stopper member.*

119382. Sony Corporation. Cathode Ray tube. Accepted on 28th September 1970.

*Comprising beams producing means, a receiving screen, means to cause said beams to intersect at a location, focusing lens means.*

119384. United States Steel Corporation. Guide-roll arrangement and control method for continuous casting. Accepted on 26th September 1970.

*Characterized by the combination therewith of controlling forces on the solidifying slab before it reaches the pinch rolls comprising driving at least one set of guide rolls, the torque on said last named guide rolls being about 5 to 40 per cent of the torque on said pinch rolls.*

119411. The Carborundum Company. Improvements in or relating to the production of carbon or graphite reinforced articles. Accepted on 29th September 1970.

*Comprises (1) forming reinforcing fibers, the fibres being without any binder coating, (2) holding the shape of fibers under a vacuum, (3) pressure impregnating the shape of fibers with a carbonizable binder, (4) placing the impregnated shape of fibers under compression, (5) placing the impregnated shape of fibers under pressure and temperature, (6) baking the impregnated shape in a protective atmosphere and (7) subjecting the baked impregnated shape to at least one additional vacuum, impregnation, curing and baking cycle.*

119445. Allied Chemical Corporation. Process for producing aluminium nitrate solutions of low iron content. Accepted on 30th September 1970.

*Comprises preparing a solution of aluminium nitrate by digesting a clay with aqueous nitric acid at 140° to 220°C under autogenous pressure and cooling the solution at an average rate not*

*greater than about 25°C per minute, over the period, the period being not more than about 5 hours.*

119473. Compagnia Italiana Westinghouse Freni E Segnali. A fluid pressure distribution system for controlling a fluid pressure brake. Accepted on 26th September 1970.

*Comprises an output conduit for connection to brake cylinder a pressure control device movable in response to the difference between the pressure in a brake control line and a control pressure to connect an auxiliary fluid pressure reservoir to the output conduit for application of brake and a changeover valve means having a gradual discharge setting.*

119917. Halcon International, Inc. Process for preparing dodecanedioic acids. Accepted on 19th August 1970.

*Comprises epoxidizing 1, 5, 9-cyclododecatriene with an organic hydroperoxide, hydrogenating the product obtaining and oxidizing to give dodecanedioic acid—1, 12.*

120371. Union Carbide Corporation. Chromium alloy addition agent. Accepted on 28th September 1970.

*Alloy containing 4 to 6% Mn, not more than 1.8% silicon, up to about 8% carbon and at least 55% chromium, the balance being iron and incidental impurities.*

120420. Farbenfabriken Bayer Aktiengesellschaft. Process for production of sulphuric acid group free monoazo dyestuffs and lacquers synthetic materials, printing inks and pigment pastes coloured with or containing said dyestuffs. Accepted on 19th September 1970.

*Product obtained by diazotizing optionally substituted amino-phthalic acids and coupling with monofunctional coupling component is reacted with 3-aminobenzamide.*

120508. Mrs. Neela Vinayak Rashinkar. Clothes hanger. Accepted on 24th September 1970.

*Comprises a frame structure having two longitudinal side elements interconnected by transverse elements for hanging clothes and means to secure the frame to a wall.*

120532. United States Steel Corporation. A tubular casting mould for the continuous casting of metal. Accepted on 24th September 1970.

*Having a flow through water cooled cavity for the continuous casting of metal pouring from a nozzle into the top of the mould including a pair of cover plates slidable on a frame overlying the mould cavity.*

120562. Joseph Lucas (Industries) Limited. Control circuits for permanent magnet alternators in particular for road vehicles. (1st April 1968). Accepted on 26th September 1970.

*Includes a full wave rectifier comprising a set of diodes connecting alternator to one supply line and a set of triacs connecting the alternator to the other supply line, and being provided with a control circuit supplying gate current to all triacs when the voltage between the supply lines exceeds a predetermined value.*

120601. Jervis B. Webb Company. Conveyor including carrier with selectively operable dogs. Accepted on 25th September 1970.

*Comprises an auxiliary dog movable between operative and inoperative positions for engagement by a pusher, auxiliary dog biasing means and cam and follower mounted on the carrier and carrier supporting track.*

120620. Union Carbide Corporation. Improved nonwoven fabrics and process therefor. Accepted on 26th September 1970.

*Comprises laying down yarn strands in a pre-determined pattern of two layers, the strands of one layer crossing the strands of the other between two rows of restraining means and then mechanically interlocking the strands.*

120623. Imperial Chemical Industries Limited. Catalytic process for the manufacture of pyridine and methylphridines. (8th May 1968). Accepted on 26th September 1970.

*Process for the manufacture of pyridine and 3-methyl pyridine which comprises interacting acrolein with ammonia in the vapor phase at the ambient temperature in the presence of a catalyst comprising a support material impregnated with fluosilicic acid, fluoboric acid or a salt of one of the acids.*

120664. Whittaker Corporation. Adherent coatings by immersion plating from non-aqueous solutions. Accepted on 28th September 1970.

*Immersing the article in a water free methanol solution of a halide of the plating metal the solution being at a temperature less than its boiling point, and removing the article from the solution when desired plated coating is obtained.*

120665. United States Steel Corporation. Apparatus for ultrasonically measuring the thickness of objects having generally parallel surfaces. Accepted on 26th September 1970.

*Wherein the transducer is provided with limiting means including a convex surface emitting ultrasonic pulses in a patterns of divergent beams providing beams normal to wavy portions of the object.*

120670. Prerovske strojirny, narodni podnik, of Prerov. A method for treatment of granular and of fine grain material such as lime stone. Accepted on 28th September 1970.

*Comprising adjusting the supply of raw material into the kiln in dependence on deviations of the temperature of gases at the outlet from the rotary kiln with respect to a predetermined temperature.*

120686. Vyzkumny ustav zusechtovaci, Dvur kralove Na Labem. Process and apparatus for wet treatment of permeable materials, more particularly textile fabrics in open width. [Addition to No. 100828]. Accepted on 25th September 1970.

*The penetrated treating liquid film is removed on the same roller from the outer surface of the material.*

120720. Rexall Drug and Chemical Company. Aerosol dispensing device. Accepted on 29th September 1970.

*Comprising a housing, reciprocating container, support member for housing having discharge tube and passage spring means latch and trigger means to operate valve means.*

120756. Miles Laboratories, Inc. Biological specimen processing and embedding apparatus. Accepted on 24th September 1970.

*Comprising a coupled open topped base and open mould having a flat and perforated bottom wall respectively and a removable perforated cover over the open mould.*

120767. Jaipur Metals & Electricals Ltd. Improvements in a receiver-magnet for a telephone. Accepted on 29th September 1970.

*Comprising a transversely magnetised ferrite member, one face of which is provided at remote ends thereof with shaped pole pieces having large surface areas in contact with the ferrite member such that maximum of the flux generated is utilized.*

- 120854 Johnson & Johnson. Adhesive tape. Accepted on 25th September 1970.

*Comprises a backing sheet coated with a pressure-sensitive adhesive having a thermoplastic block polymer of the structure A-B-A, wherein A is of vinyl arene polymer block composing 10—20 per cent of block polymer and tackifier resin of 25—125 of total elastomer and B is of isoprene.*

120857. Franz Plasser Bahnbaumaschinen. Track packing machine. Accepted on 29th September 1970.

*Characterised by automatic means for at least a front group of packing tools and a rear group packing tools to adjust with respect to position of the track in longitudinal and transverse directions of the track end means including a sensing member associated with a television camera for setting the packing units.*

120860. Stoddy Company. A method of arc welding hand-surface metal on a workpiece and apparatus therefor. Accepted on 28th September 1970.

*Comprising supplying coolant to one of said lubricant spaces, removing coolant from another of said lubricant spaces to establish a continuous flow of said coolant within said workpiece, heating at least one electrode into an arc established at the rim of said workpiece to thereby deposit metal and moving said rim relative to said electrode and said internal structure, coincident with the feeding of said electrode.*

120936. Kautex Werk Reinold Hagen. Apparatus for blow moulding hollow articles. Accepted on 24th September 1970.

*Comprises mould parts movable between an open and a closed condition, grippers connected to said mould parts, an extruder for extruding tubular parison, a release station and collecting station.*

120950. A. Wehner. Improvements in screening machines. (25th June 1968). Accepted on 30th September 1970.

*Comprising a frame, a flexible screen floor, a driving mechanism for oscillating the screen floor supports about their axes in such a way that adjacent supports alternately approach and recede from each other in order to flex and stretch alternately the screen floor between them.*

121016. Imperial Chemical Industries Limited. Cement compositions. (13th May 1968). Accepted on 30th September 1970.

*Essential ingredients are, a hydraulic cement, a silica filler, water and an organic polyisocyanate.*

121514. Giddings & Lewis-Fraser Limited. Method and apparatus for controlling the application of additives to jute or other bast fibres, or leaf fibres. (18th June 1968). Accepted on 26th September 1970.

*Comprises passing metered quantities of oil-in-water emulsion water of dilution and additives to a vessel for mixing and applying the mixture to the fibre.*

121522. The Dunlop Company Limited. Method of producing a cement composition, the cement composition so produced and method of producing reinforced rubber articles therewith. (4th June 1968). Accepted on 28th September 1970.

*Comprises mixing a solution or dispersion of a rubber in a first solvent with compounds carried in a solvent compatible with the first solvent and capable of reacting to produce an addheide condensation resin.*

121587. Great Salt Lake Minerals & Chemicals Corporation. Method for the production of high grade kainite. Accepted on 29th September 1970.

*Comprises subjecting the brine to evaporation, mixing with said concentrated brine an aqueous*

solution containing both dissolved potassium and dissolved magnesium, subjecting the adjusted brine to evaporation, collecting the residual brine, subjecting the residual brine to evaporation to cause the precipitation of a high grade kainite crystal crop, separating the kainite-depleted brine from kainite.

121644. UCB (Union Chimique-Chemische Bedrijven) Societe Anonyme. Process for the production of adiponitrile. (6th June 1968). Accepted on 25th September 1970.

*Electrolysis of acrylonitrile using, (a) acrylonitrile, (b) water, (c) alkali salt of condensed polyphosphoric acid, (d) surface active substance and (e) acidic salt of alkali metal of poly acid as medium.*

121647. Imperial Chemical Industries Limited. Process for the preparation of water-insoluble monoazo dyestuffs. (27th June 1968). Accepted on 29th September 1970.

*Diazolized aniline is coupled with 1-phenyl-3-cyano-4-methyl-6-hydroxypyrid 2-one.*

121633. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Monoazo dyestuffs and process for preparing them and process for dyeing fibrous materials therewith. Accepted on 26th September 1970.

*Vomptidrd fixoxylxinh  $H_2N-C_6H_4-SO_2-N-CH_2-$*

*1R  $CH_2-S-SO_3H$  and coupling with  $C_6H_4-C_6H_4-(OH)-CONH-X$ , R being H or alkyl X being benzene or naphthalene and A being halogen alkyl, alkoxy or trifluoromethyl groups.*

121721. Sandoz Ltd. Compounds of the heterocyclic series, their production and use. Accepted on 28th September 1970.

*Comprises chlorosulfonating a naphthylenebenzidine dezoic-11, 12-dicarboxylic acid anhydride or imide, and reacting the product with an amine.*

121787. Societe Fives Lille-Cail. An installation for continuous crystallization of sugar and the like. Accepted on 29th September 1970.

*Having an approximately cylindrical shell with a horizontal axis and an upright plane of symmetry through axis has an interior divided into compartments by partitions and a group of heating elements at the bottom of the said shell.*

121823. K. A. Jhangiani. A modified of TMB diesel engine to run on dual fuel. Accepted on 25th September 1970.

*Provided an electrically operated pump in series with the fuel feed pump for augmenting the fuel feed pressure so as to enable the engine to run on petrol.*

121898. Envirotech Corporation. Jaw crusher & feed mechanism therefor. Accepted on 24th September 1970.

*Comprising linkage means for synchronously reciprocating the classifier and feeder in response to eccentric motion of at least one jaw of the crusher.*

121899. Envirotech Corporation. Toggle link mounting mechanism. Accepted on 24th September 1970.

*Comprising a slide bearing assembly receiving one end of the link, a fixed bearing surface on which said assembly slides and overload means maintaining the two in fixed relation.*

122034. Ciba Limited. New Curable mixtures of polyepoxide compounds, acid polyesters of aliphatic-cycloaliphatic dicarboxylic acids and polycarboxylic acid anhydrides. Accepted on 28th September 1970.

*Curable epoxide resin mixtures characterised in that they contain (1) a cycloaliphatic poly-*

*oxide compound (2) a polyepoxide acid anhydride and (3) a long chain polyester.*

122141. Binod Behari Dey. An improved striking device for regulating the striking time of the gong in clock. Accepted on 30th September 1970.

*A snugly fitting member adapted to be seated on the shaft and rotatable within the cup, a radially projecting leaf spring member carrying at its free ends two integral and yieldable brushes.*

122193. Controls and Switchgear Company. An apparatus for illuminating water fountains with different coloured lights. Accepted on 29th September 1970.

*Comprising a sealed watertight box, a pipe connection leading from water mains to the nozzle of the fountain through the box, a plurality of windows or apertures in the cover of the box, covered with discs of glass or other transparent material, a plurality of electric lamp mounted within box, a disc having plurality coloured strips mounted thereon and means for providing relative rotary movement between disc and the box.*

122694. Kombinat Veb Galvanische Elemente. Method for the manufacture of electrodes for lead accumulators. Accepted on 29th September 1970.

*Wherein the wider faces of box and cover are provided with openings formed by surrounding ribs; the openings being covered by microporous separators placed or pasted in the box.*

122746. The Dunlop Company Limited. Knock-down article of furniture. Accepted on 25th September 1970.

*Comprises two or more component pieces at least one of which is a block of foam material encasing a substantially rigid reinforcing member.*

122778. Semiconductors Limited. Method of and means for processing materials in electronics industries. Accepted on 30th September 1970.

*Comprising feeding the materials vertically to a vertical furnace having a heating zone and provided with a temperature controller.*

122792. Matsushita Electronics Corporation. Semiconductor device and method of making the same. Accepted on 25th September 1970.

*Comprising a semiconductor substrate having a recess, an insulating film covering the substrate but exposing from its opening a major part of the recess so that a side-etched separation space extending around the recess is located underneath insulating film and a metal layer deposited to cover the recess and surrounding insulating film.*

122818. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Phthalocyanine dyestuffs process for preparing them and process for dyeing and printing leather and textile materials therewith. Accepted on 28th September 1970.

*Copper phthalocyanine.. (3)-tetrasulfonic acid chloride is reacted with  $\beta$ -hydroxyethyl-(4-aminophenyl) sulfone phosphoric acid monoester.*

122835. International Standard Electric Corporation. An aerial system for short electromagnetic waves. Accepted on 25th September 1970.

*Comprising a turnstile antenna consisting of current fed, laminar and electrically short dipoles and a current fed circular loop antenna symmetrically arranged around turnstile antenna.*

123020. Imperial Chemical Industries Limited. Laminated fabric. (17th September 1968). Accepted on 28th September 1970.

*Laminating one or both sides of the fabric with an air and water vapour permeable open cellular foamed thermoplastic film.*

123776. R. K. Damani. A process for producing laminated sheet material or articles. Accepted on 30th September 1970.

*Comprising placing the sheet to be laminated in between two cooperating dies and then pouring the material, in molten state, which is desired to form the lamination.*

123799. M&T Chemicals Inc. Process for the preparation of organotin compounds. Accepted on 29th September 1970.

*Tributyltin formate is pyrolyzed.*

123939. Dash Fasteners (Private) Limited. Improvements in or relating to expansion fasteners. Accepted on 28th September 1970.

*Comprising a two-piece shield with notched or serrated external surface characterized in that the wedge lugs snugly fit into the corresponding notches provided in the two halves of the shield at the rear end with retaining lips to retain the expander nut.*

124018. L. R. Industries Limited. Improvements in or relating to the manufacture of contraceptive sheaths. (19th August 1969). Accepted on 24th September 1970.

*Welding two super imposed layers of the film material together along a line conforming to the profile of the sheath body, cutting the two layers outwardly of the weld line and cutting the two layers to form the open end of the sheath.*

124022. Dunlop India Limited. Improvements in or relating to axles for animal drawn vehicles. Accepted on 29th September 1970.

*A hollow circular sectioned tubular member, solid circular sectioned end pieces inserted part of the way into the ends of the tubular member outer end of each end member extending in desired shape form for being secured to bearings and hubs of a wheel.*

124180. Eaton Axles Limited. Pressure lubrication system for geared drive mechanism. Accepted on 29th September 1970.

*A pump for pressurising and supplying lubricant from a reservoir in the bottom of the housing.*

124237. Borgs Fabriks Aktiebolag. A braking (arresting) device for aircraft. Accepted on 25th September 1970.

*Comprising a net having a horizontal lower line and a plurality of upper lines with vertical lines attached between them.*

124265. N. V. Philips Gloeilampenfabrieken. Device for supplying a compressed medium. Accepted on 26th September 1970.

*Comprising at least one cylinder in which a piston reciprocates which consists of an inlet valve and an out valve the first space comprising midline and the second space comprising a liquid for supporting the rolling diaphragm.*

125371. P. R. Rao. An improved calciner. Accepted on 23rd September 1970.

*Comprising a hollow stepped tower disposed in the vertical plane, one or more openings at the base and top of the tower and a passage connecting the openings, and a plurality of partition members dividing the passage and means for vibrating the plates.*

127437. Sony Corporation. An electron gun for use in a cathode ray tube. [Divisional date 13th January 1969]. Accepted on 28th September 1970.

*Comprising a cathode and grid assembly producing plurality of electron beams electrodes to provide an electric field through which all the beams pass and constitute the main focusing lens.*

#### Patents Sealed

96464, 102664, 103268, 115109, 115316, 115844, 115856, 115894, 115925, 115954, 116018, 116049, 116158, 116221,

116239, 116301, 116312, 116326, 116352, 116357, 116390, 116410, 116569, 116655, 116884, 116908, 116920, 117027, 117057, 117183, 117277, 117292, 117382, 117496, 117590, 117650, 118234, 118292, 118459, 118471, 118548, 119104, 119111, 119140, 119292, 119297, 119729, 119751, 119754, 119931, 119989, 120361, 120504, 120591, 120991, 121353, 121563.

#### Renewal Fees Paid

55545, 58681, 58682, 58709, 58766, 62070, 62147, 63310, 63311, 65418, 65441, 65465, 66268, 68046, 69028, 69372, 69406, 70971, 73534, 73540, 73578, 73601, 73618, 73810, 73878, 73961, 74219, 76152, 78772, 78852, 78948, 78973, 79303, 79304, 79873, 80789, 81211, 84430, 84444, 84459, 84460, 84479, 84504, 84540, 84597, 84607, 84643, 84746, 84871, 85097, 85378, 85737, 86075, 88953, 90139, 90395, 90453, 90606, 90767, 90884, 91183, 91481, 95660, 95725, 95815, 95822, 95874, 95978, 95895, 95983, 96031, 96185, 96404, 96499, 96518, 96538, 96786, 97078, 97400, 98091, 99111, 101483, 101513, 101780, 101857, 101868, 101939, 101949, 101987, 101994, 101995, 101996, 101997, 101998, 101999, 102105, 102162, 102244, 102254, 102255, 102256, 102284, 102309, 102611, 102739, 102978, 103000, 103081, 103268, 104338, 104994, 107033, 107210, 107211, 107326, 107343, 107350, 107360, 107361, 107362, 107363, 107368, 107384, 107481, 107682, 107687, 107734, 107762, 107763, 107920, 108042, 108502, 108623, 112896, 113500, 116035.

#### Cessation of Patents

61341, 79098, 85789, 86453, 86460, 87430, 92713, 95075, 100509, 100970, 102584.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 137145 and 137146. New Way Packaged Products Limited, a British Company, of 1, Brumwill Road, Ealing, London, W.5., England, "a container with lid", February 17, 1970.

Class 1. No. 137306. Namdeo Mhadu Kedar of Ahiri Ki Chawl, (Room No. 4), Hing Wala Lane, Ghatkopar, Bombay-77, Maharashtra State, India, an Indian National, "Musical Instrument", April 10, 1970.

Class 1. No. 137582. Anchor Pressings Private Limited, Marris Road Aligarh (U.P.), India, an Indian Company, "a cycle lock", June 4, 1970.

Class 3. No. 137152. Rocklite Fibreglass Industries of Wagle Estate, Thana, Maharashtra, India, an Indian partnership firm duly registered under the Indian Partnership Act. "A Stool", February 20, 1970.

Class 3. No. 137184. 1. Manibhai Bhailabhai Patel, 2. Ghan-shyambhai Manibhai Patel and 3. Indrakant Manibhai Patel, all Indian Nationals, trading as Usha Engineering Co., at Post Box No. 34 Anand, Dist. Kaira, (Gujarat State), India "Container", March 2, 1970.

Class 3. Nos. 137194 and 137195. Union Carbide India Limited, of 1 Middleton Street, Calcutta-16, West Bengal, India, an Indian Company, "a flashlight", March 3, 1970.

Class 3. No. 137287. Mrs. Inis Saxby and Miss Christine Saxby (both of Indian Nationality), residing at Silver Oakes Estate, 45-J, Warden Road, Opp: Mafatal Park, Bombay-26, (Maharashtra), "Container", April 3, 1970.

Class 3. No. 137380. Tolbro International, an Indian Partnership firm, 4, Wilson Road, Ballard Estate, Bombay-1, (Maharashtra), "Tooth Brush", May 2, 1970.

Class 3. Nos. 137540 and 137541. Unilever Limited, a Company registered under the laws of Great Britain, of Port Sunlight, Wirral, Cheshire, England, "Puppet", December 5, 1969. (U.K.)

Class 3. No. 137580. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta, West Bengal. "a sole for footwear". June 3, 1970.

Class 3. No. 137583. Rocklite Fibreglass Industries of Wagle Estate, Thana, Maharashtra, India, an Indian partnership firm duly registered under the Indian Partnership Act, "A table", June 4, 1970.

Class 10. No. 137364. Bishwanath Khemka (7th Floor), 4, Govt. Place North, Calcutta-1, West Bengal, Indian, "Footwear". May 2, 1970.

Class 10. Nos. 137479 and 137480. Mona Traders Private Limited, an Indian Company incorporated and existing under the Companies Act, 1956 having its registered office at Merchant Chamber, 41 New

Marine Lines, Bombay-20, State of Maharashtra, India, "Footwear", May 18, 1970.

Class 10. Nos. 137537 and 137538. Blow Plast Private Limited, Incorporated in India, Lal Bahadur Shastri Marg, Bhandup, City of Bombay, State of Maharashtra, India, "Footwear", June 1, 1970.

Class 12. No. 137581. Aspro-Nicholas Limited, a body corporate organised under the Laws of Great Britain, Manufacturers, of 16 Berkeley Street, London W.1., England. "a tablet". February 18, 1970. (U.K.)

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Design Nos. 107735, 108486 and 108487—Class 3.

S. VEDARAMAN,  
*Controller General of Patents, Designs  
and Trade Marks.*

